L E A D

problem solving through face to face networked interaction in the classroom

WORKPACKAGE 2

TATIANA FIRST STEPS USER GUIDE

Organisation: ENSM-SE / ARMINES

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Subject: Tatiana First Steps User Guide (for Macintosh only)

Dissemination level: Public

Version	date	authors	status	changes
0.1	23-01-2008	Corbel, Collins, Dyke, Girardot	Document	

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W A R N I N G

The present Guide is a work-in-progress document: it has been updated with the latest features (alpha version) but has not been subjected to detailed editing and proofread..

Although Tatiana is multi-plateforme, this guide is for its latest version, only available for the time being for Macintosh. A Windows version will be available soon.

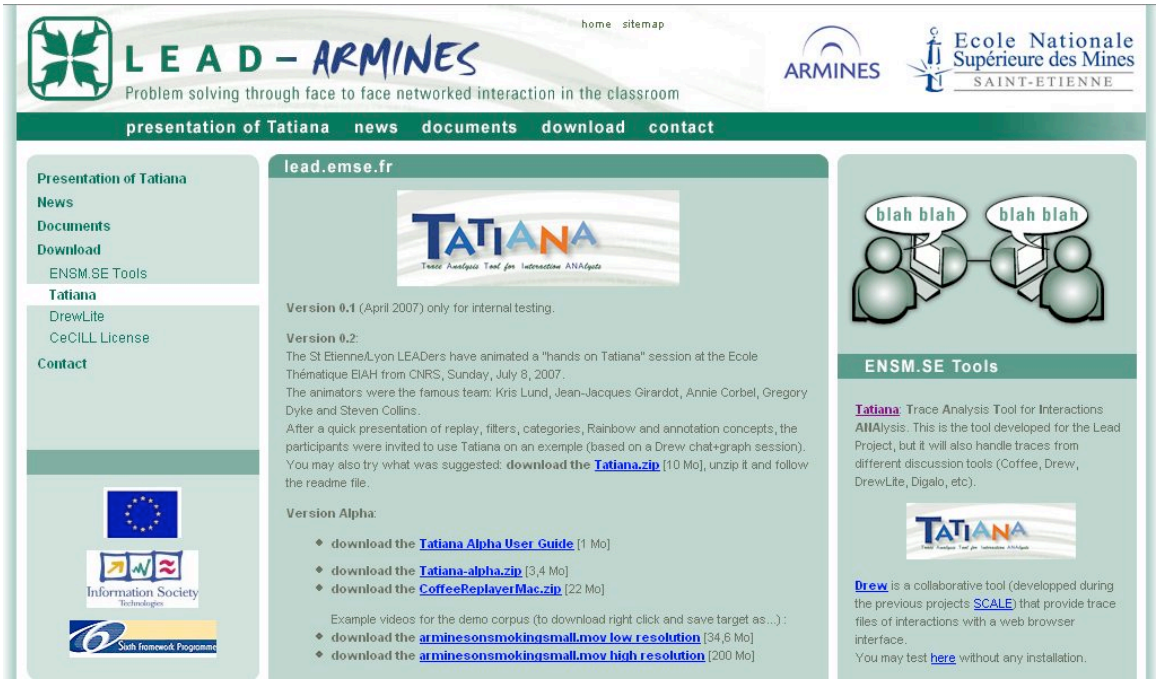
This guide is also only for the CoFFEE Alpha+ Replayer as there is no replayer available at the moment for subsequent versions of CoFFEE.
If you want to try Tatiana with Drew traces and the Drew replayer, download Tatiana version 0.2 example (**Tatiana.zip**).

D O W N L O A D I N G T A T I A N A

To download Tatiana go to the lead.emse.fr website. Click on the Download section on the left hand side (or go directly to http://lead.emse.fr/Download/tatiana.html). Scroll down and accept the CeCILL license.

* Download the **Tatiana-alpha.zip** package (zip format) (this package includes the demo corpus "smoking ban")

* Download one of the videos corresponding to the "smoking ban" demo corpus:
  - low quality/size (30 Mb)
  - medium quality/size (200 Mb)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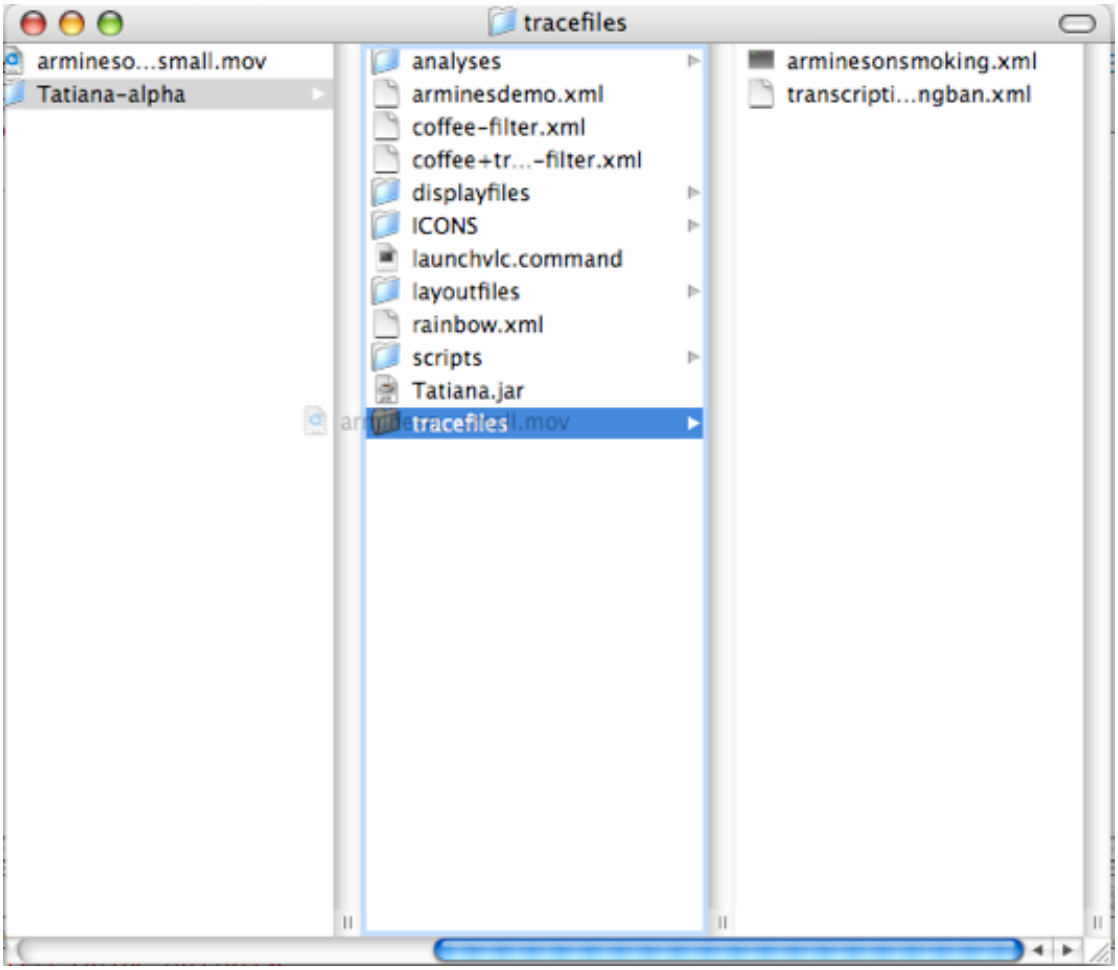
TATIANA
Version 0.1 (April 2007) only for internal testing.
Version 0.2:
The St Etienne/Lyon LEADers have animated a "hands on Tatiana" session at the Ecole Thématique EIAH from CNRS, Sunday, July 8, 2007.
The animators were the famous team: Kris Lund, Jean-Jacques Girardot, Annie Corbel, Gregory Dyke and Steven Collins.
After a quick presentation of replay, filters, categories, Rainbow and annotation concepts, the participants were invited to use Tatiana on an exemple (based on a Drew chat+graph session).
You may also try what was suggested: download the Tatiana.zip [10 Mo], unzip it and follow the readme file.
Version Alpha:
download the Tatiana Alpha User Guide [1 Mo]
download the Tatiana-alpha.zip [3,4 Mo]
download the CoffeeReplayerMac.zip [22 Mo]
Example videos for the demo corpus (to download right click and save target as...) :
download the arminesonsmokingsmall.mov low resolution [34,6 Mo]
download the arminesonsmokingsmall.mov high resolution [200 Mo]
blah blah
blah blah
ENSM.SE Tools
Tatiana: Trace Analysis Tool for Interactions ANAlysis. This is the tool developped for the Lead Project, but it will also handle traces from different discussion tools (Coffee, Drew, DrewLite, Digalo, etc).
TATIANA
Drew is a collaborative tool (developped during the previous projects SCALE) that provide trace files of interactions with a web browser interface.
You may test here without any installation.
Information Society Technologies
Sixth Framework Programme

The demo corpus ("smoking ban") provided with Tatiana is a corpus containing CoFFEE traces, that you can use with the associated video (separate download). To be able to replay events recorded in CoFFEE during a session you need the CoFFEE replayer. You can download it from the Tatiana website (same location).
Tatiana uses the VLC video player for video playback. You can download it on the www.videolan.org website.
(Mac version : http://www.videolan.org/vlc/download-macosx.html)

INSTALLING TATIANA

To install Tatiana, simply unzip the Tatiana package to the desired directory.
Place the downloaded video in the Tatiana `tracefiles` directory.



To install the CoFFEE replayer unzip it to desired directory.
To install VLC please refer to the VLC documentation. Note that Tatiana expects to find VLC under `/Applications/VLC.app` (this is the default install location for VLC on Macintosh).

LAUNCHING TATIANA

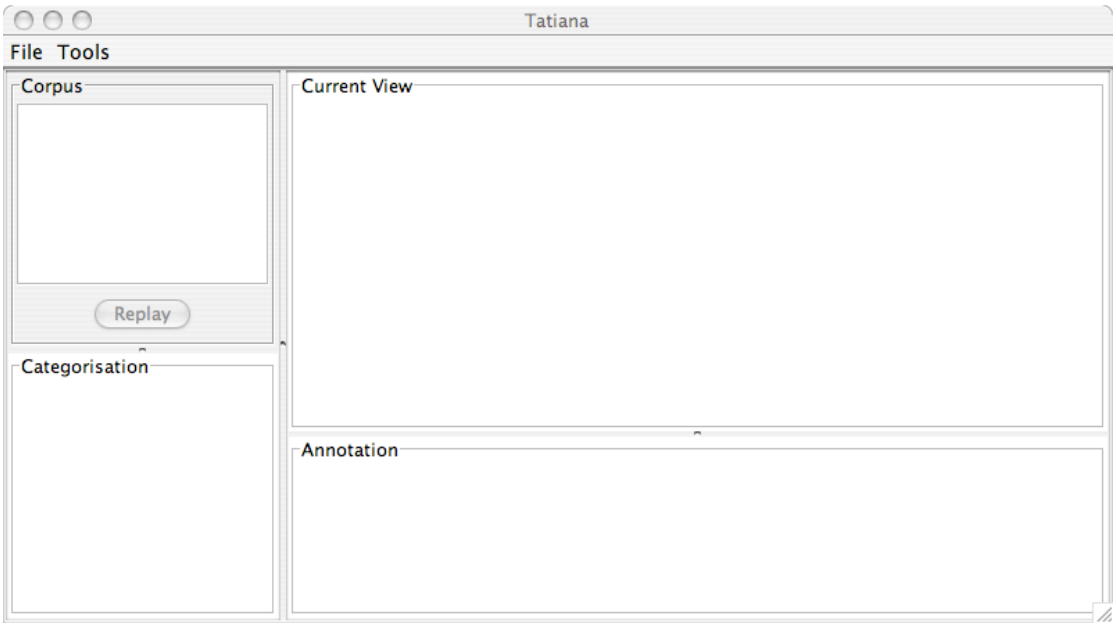
Once you have installed Tatiana, the CoFFEE replayer and VLC you are ready to start.

- Launch Tatiana : double click on *Tatiana.jar* in the directory where you installed/unzipped Tatiana.
- Launch the CoFFEE replayer : double clic on *CoffeeReplayer.app* in the directory where you installed/unzipped CoffeeReplayer.

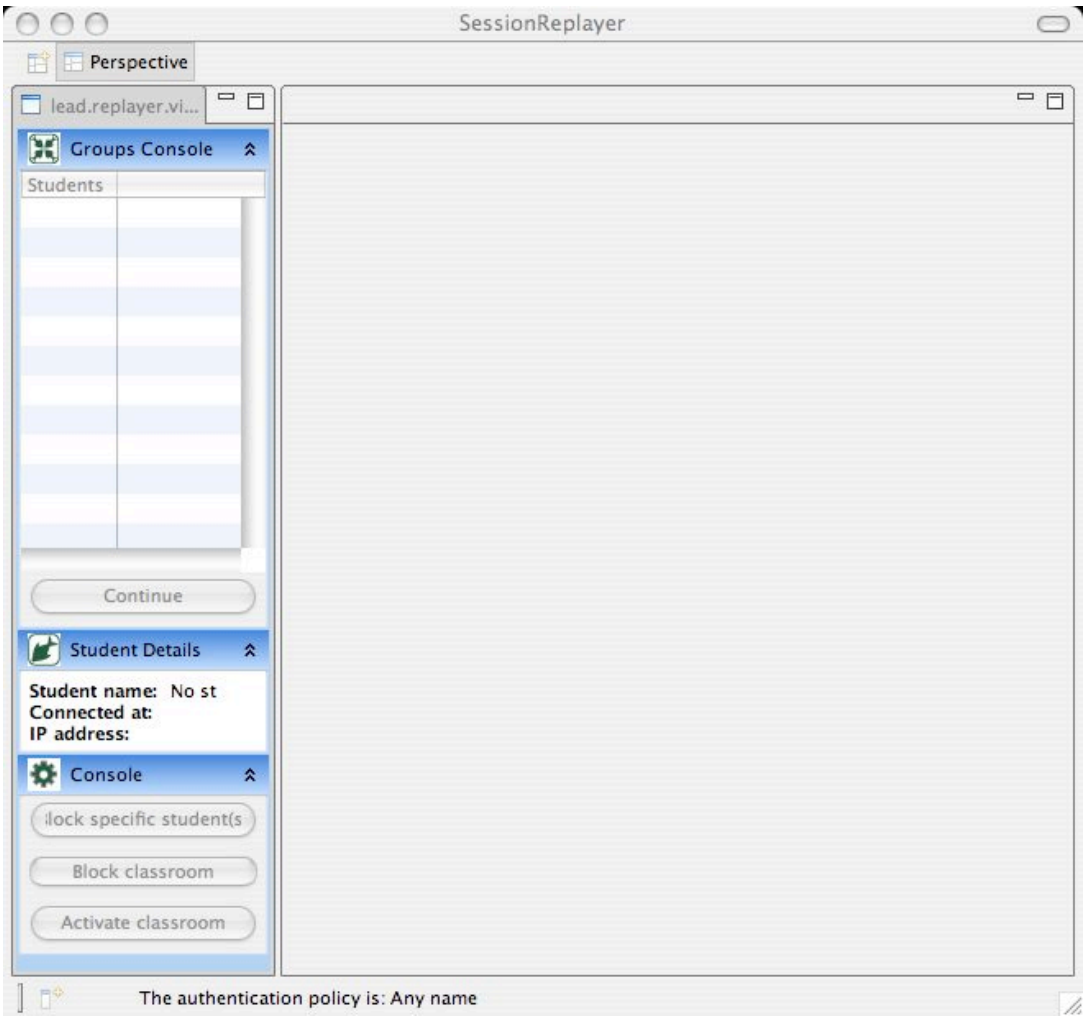
- Launch VLC : before launching VLC please check you are connected to a network. You have to be connected to a network so that VLC and Tatiana can communicate (specifically, VLC needs a valid IP address for your computer). To launch VLC double click on *launchvlc.command* in the directory where you installed/unzipped Tatiana.

You should now have the 3 following windows:

The Tatiana main window:



The CoFFEE replayer:



The VLC interface:

OPENING A CORPUS

In the main Tatiana window :

- In menu *File* select *Open corpus*.
- Navigate to directory where you installed Tatiana.
- Select the corpus you want to open (for the "smoking ban" demo corpus please select the file called *arminesdemo.xml)*.
- Click *OK*.

The corpus is loaded. You should now have the corpus contents listed at the upper left in the main Tatiana window.

USING TATIANA

VIEWING THE TRACE FILE

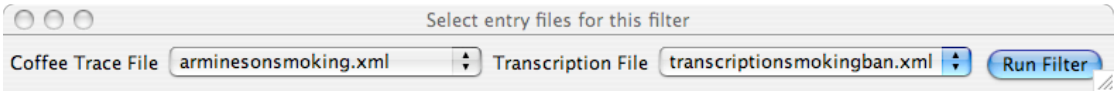
To be able to visualise the trace file, you first have to tell Tatiana what you want to see in the brute trace file and how (such a trace file is produced by a CSCW tool, such as CoFFEE or Drew. For the "smoking ban" demo corpus, the name of the file is *arminesonsmoking.xml*). So that Tatiana can also visualize the trace, you need to use what we call a filter. To apply a filter on the trace file of the opened corpus:

- In menu *File* select *Filter*.
- Navigate to the directory where you installed Tatiana.
- Select desired filter (for the "smoking ban" demo choose *coffee-*

filter.xml).

- Click *OK*.
- A popup window will appear prompting for the files to be filtered (for the "smoking ban" demo choose *arminesonsmoking.xml* for the trace file).
- Click *Run Filter*.

The filtered trace file will appear in the upper frame of the main Tatiana window (this operation can take a few seconds). You can navigate through this view using the scroll-bar on the right hand side.
Provided with the "smoking ban" demo corpus is also a transcription file (*transcriptionsmokingban.xml*) containing the transcription of minutes 25 to 29 of the video. To visualise these together with the CoFFEE trace file, you need a different filter. Follow the same steps as above but this time choose the filter called *coffee+transcription-filter.xml*. This filter mixes CoFFEE traces and a transcription file. Before running the filter please check the files match their descriptions (if not use the drop-down menus to select the appropriate files):

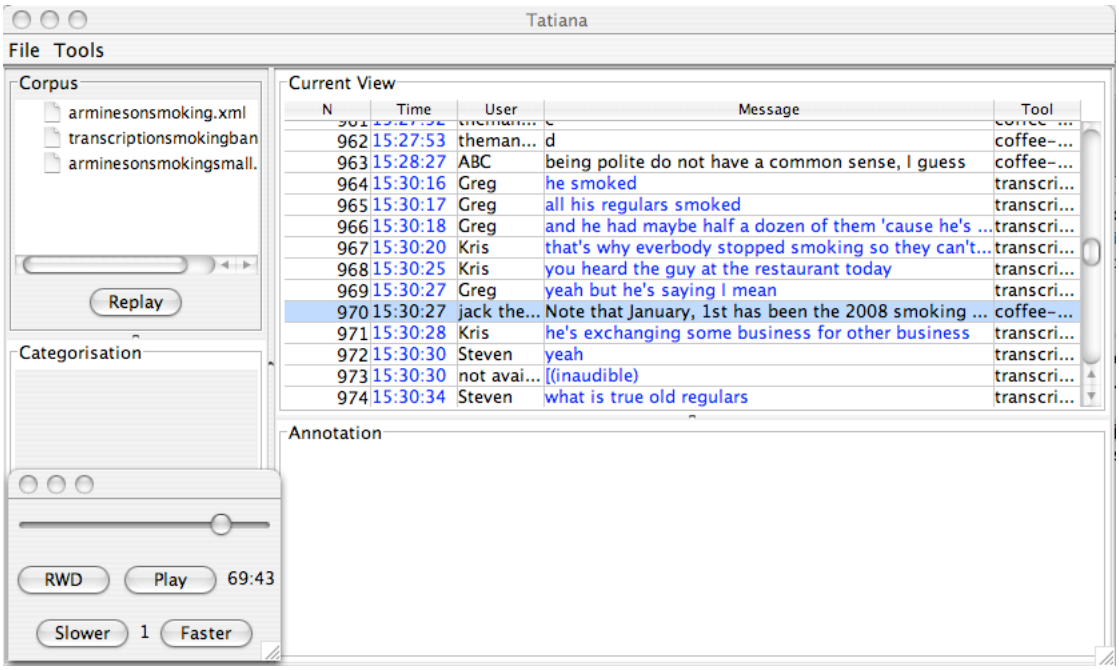


REPLAY

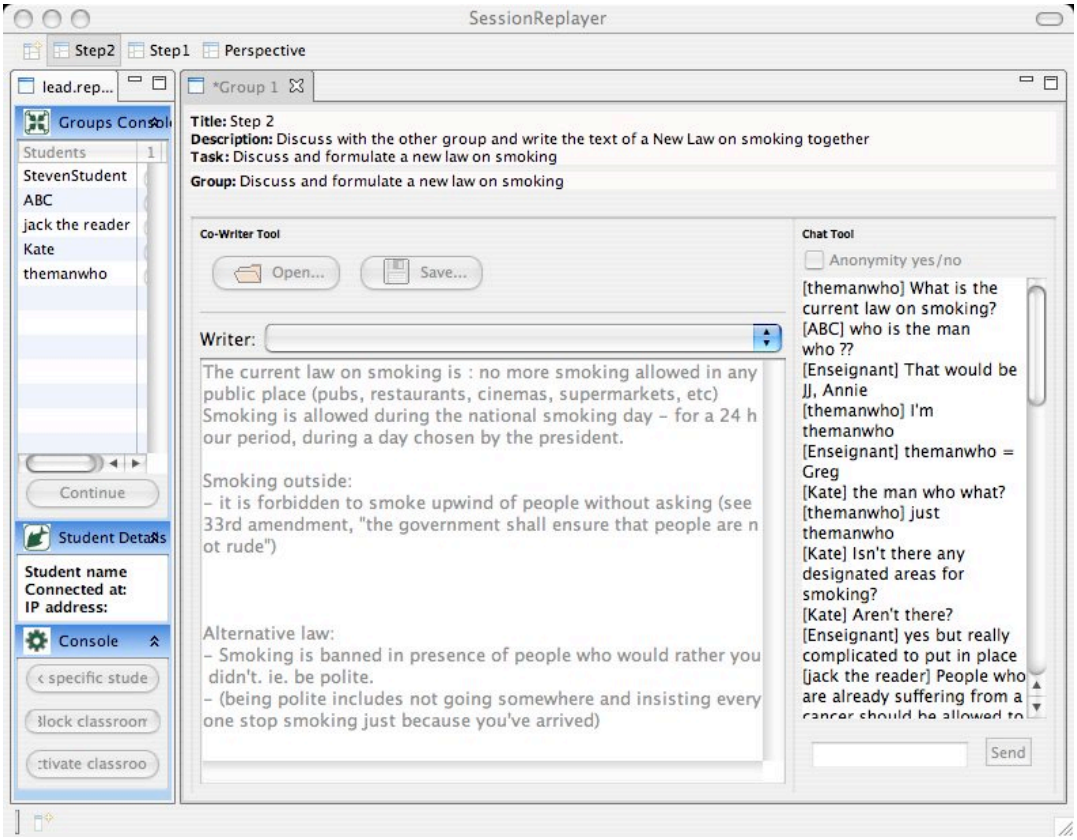
To replay all sources (the filtered trace file view, the video, and the CoFFEE replayer):

- Click the *Replay* button to start the replayer.
- The CoFFEE replayer will be loaded with trace file.
- The Tatiana remote control will appear.

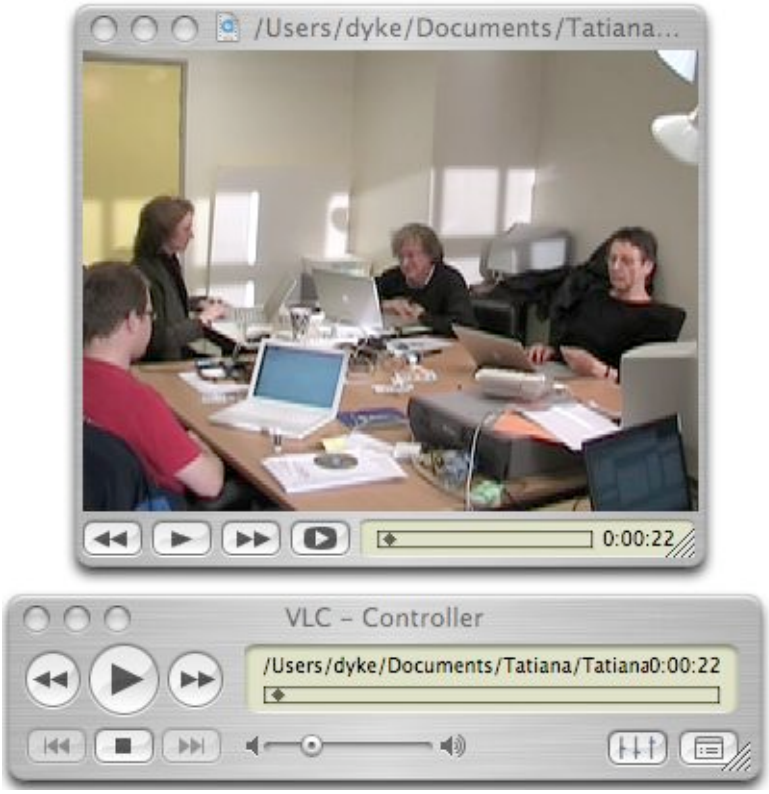
The VLC video window will show the video when needed (when the trace reaches the point where the video starts).
You can navigate through the replay with the Tatiana remote control or by selecting an event in the current replayable frame. For the time being **do not navigate using the VLC controls** or you will de-synchronize the video (if you do so, move the slide bar in the Tatiana remote control, and all sources should be synchronized again).
This is what your setup will now look like:
The Tatiana main window with a filtered trace and it's remote control (bottom left):


Tatiana
File Tools
Corpus
arminesonsmoking.xml
transcriptionsmokingban
arminesonsmokingsmall.
Replay
Categorisation
RWD
Play
69:43
Slower
1
Faster
Current View
N
Time
User
Message
Tool
962 15:27:53 theman... d coffee-...
963 15:28:27 ABC being polite do not have a common sense, I guess coffee-...
964 15:30:16 Greg he smoked transcri...
965 15:30:17 Greg all his regulars smoked transcri...
966 15:30:18 Greg and he had maybe half a dozen of them 'cause he's ... transcri...
967 15:30:20 Kris that's why everbody stopped smoking so they can't... transcri...
968 15:30:25 Kris you heard the guy at the restaurant today transcri...
969 15:30:27 Greg yeah but he's saying I mean transcri...
970 15:30:27 jack the... Note that January, 1st has been the 2008 smoking ... coffee-...
971 15:30:28 Kris he's exchanging some business for other business transcri...
972 15:30:30 Steven yeah transcri...
973 15:30:30 not avai... [(inaudible) transcri...
974 15:30:34 Steven what is true old regulars transcri...
Annotation

The CoFFEE replayer:


SessionReplayer
Step2
Step1
Perspective
lead.rep...
Groups Console
Students 1
StevenStudent
ABC
jack the reader
Kate
themanwho
Continue
Student Details
Student name
Connected at:
IP address:
Console
*Group 1
Title: Step 2
Description: Discuss with the other group and write the text of a New Law on smoking together
Task: Discuss and formulate a new law on smoking
Group: Discuss and formulate a new law on smoking
Co-Writer Tool
Open...
Save...
Writer:
The current law on smoking is : no more smoking allowed in any public place (pubs, restaurants, cinemas, supermarkets, etc)
Smoking is allowed during the national smoking day - for a 24 hour period, during a day chosen by the president.
Smoking outside:
- it is forbidden to smoke upwind of people without asking (see 33rd amendment, "the government shall ensure that people are not rude")
Alternative law:
- Smoking is banned in presence of people who would rather you didn't. ie. be polite.
- (being polite includes not going somewhere and insisting every one stop smoking just because you've arrived)
Chat Tool
Anonymity yes/no
[themanwho] What is the current law on smoking?
[ABC] who is the man who ??
[Enseignant] That would be JJ, Annie
[themanwho] I'm themanwho
[Enseignant] themanwho = Greg
[Kate] the man who what?
[themanwho] just themanwho
[Kate] Isn't there any designated areas for smoking?
[Kate] Aren't there?
[Enseignant] yes but really complicated to put in place
[jack the reader] People who are already suffering from a
Send

VLC with the video play back:

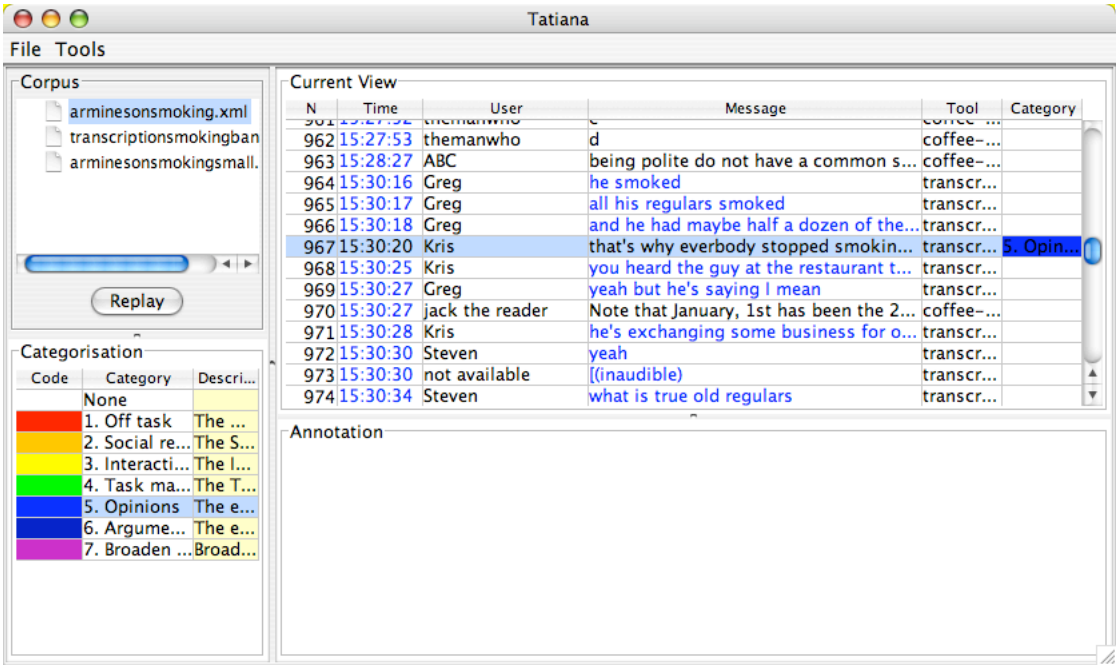


Be aware that the CoFFEE replayer is not yet fully implemented. It is provided to show you what Tatiana can do. For example the CoFFEE replayer does not actually support rewind between different steps. This issue will be treated when the replayer is updated.

STARTING AN ANALYSIS

To start doing an analysis select *`New Analysis`* in the *`File`* menu. You will be prompted for the categorisation file you wish to use. For the "smoking ban" demo select the *`rainbow.xml`* file in the directory where you installed Tatiana. If you want to use another categorisation, please see below how to build your own

categorisation.



ASSIGNING CATEGORIES & ANNOTATIONS

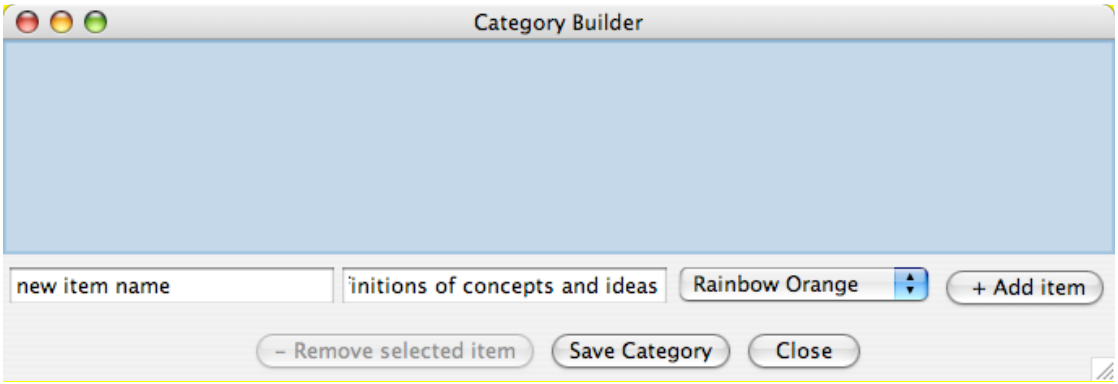
To assign a category to an event:

- in the current view frame choose an event
- highlight it by clicking on an item on the line representing the event
- click on the desired category in the categorisation frame (bottom left of the main Tatiana window)
- the category will be assigned to the highlighted event. This will be shown in two ways: the category will appear in the line representing the event; and when the event is selected the assigned category will be highlighted in the category list (on the bottom left).

To change an events category: select event in current view frame, and click on new desired category in the categorisation frame.

CREATING A NEW CATEGORISATION

To create a new categorisation: in the main Tatiana window, in menu *`Tools`* select *`Create Categorisation`*. A new window called *`Category Builder`* will appear.



Add categories by:

- choosing a name for the category
- typing a short description for the category
- choosing a color in the drop-down color menu
- clicking on the *Add Item* button

If you make an error you can always remove a category from the list with the *Remove Item* button. When you have finished, don't forget to save your categorisation before closing the window.

SAVING AN ANALYSIS

To save an analysis simply select *Save Analysis* in the *File* menu. You can later open it up in Tatiana by selecting *Open Analysis* from the *File* menu.

COMPARING ANALYSES

To compare your analysis with another:

- open the first analysis using the *Open Analysis* button from the *File* menu.
- select *Compare Analysis* from the *Tools* menu.
- select the second analysis you want to compare

Now both analyses will be shown in the current view. To have an idea on how the two analyses compare you can use the *Inter-Coder Reliability* from the *Tools* menu that will give you a rapid statistic comparison.

EDITING A DISPLAY FILE

This function can be found in the *Tools* menu. It is not yet finalized, but is available for demo purposes to show what Tatiana can do. Before using this function, please be

sure you understand the display file format (more information on display files can be found in the technical documentation). It is a tool that lets you modify display files visually (instead of editing them by hand in a text editor).